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Attorney's Docket No.: 17601-038001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Joseph A. Zupanick
Serial No. : 10/769,221
Filed : January 30, 2004
Title : METHOD AND SYSTEM FOR TESTING A PARTIALLY FORMED
HYDROCARBON WELL FOR EVALUATION AND WELL PLANNING
REFINEMENT

Art Unit : 3672
Examiner : Unknown

Mail Stop Amendment
Commissioner for Patents
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INFORMATION DISCLOSURE STATEMENT

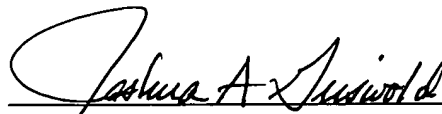
Applicant submits the references listed on the attached form PTO-1449. A copy of a communication from a foreign patent office in a counterpart application is also enclosed.

The present Application was filed after June 30, 2003. Therefore, under the July 11, 2003, waiver of 37 C.F.R. § 1.98(a)(2)(i) by the U.S. Patent and Trademark Office, copies of U.S. Patents and U.S. Patent Application Publications listed in the attached PTO-1449 form are not enclosed. Copies of all foreign art and non-patent literature are in electronic .pdf format on the enclosed CD-ROM for the convenience of the Examiner. Paper copies of any or all foreign art and non-patent literature are available upon request.

This statement is being filed before the receipt of a first Office Action on the merits. It is believed no fees are due. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 9/2/04


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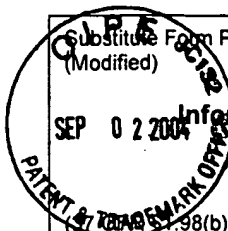
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 Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) 10/769,221(b))	U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 17601-038001	Application No. 10/769,221
	Applicant Joseph A. Zupanick			
	Filing Date January 30, 2004		Group Art Unit	

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	A1	2,797,893	07/02/1957	McCune et al.			
	A2	3,385,382	05/28/1968	Canalizo et al.			
	A3	3,582,138	06/01/1971	Loofbourow et al.			
	A4	3,587,743	06/28/1971	Howard			
	A5	4,020,901	05/03/1977	Pisio et al.			
	A6	4,030,310	06/21/1977	Schirtzinger			
	A7	4,136,996	01/30/1979	Burns			
	A8	4,151,880	05/01/1979	Vann			
	A9	4,182,423	01/08/1980	Ziebarth et al.			
	A10	4,222,611	09/16/1980	Larson et al.			
	A11	4,226,475	10/07/1980	Frosch et al.			
	A12	4,415,205	11/15/1983	Rehm et al.			
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	A20	4,776,638	10/11/1988	Hahn			
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	A22	5,127,457	07/07/1992	Stewart et al.			
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	A25	5,287,926	02/22/1994	Gruppung			
	A26	5,431,482	07/11/1995	Russo			
	A27	5,697,445	12/16/1997	Graham			

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	A28	6,019,173	02/01/2000	Saurer et al.			
	A29	6,030,048	02/29/2000	Hsu			
	A30	6,062,306	05/16/2000	Gano et al.			
	A31	6,065,551	05/23/2000	Gourley et al.			
	A32	6,119,776	09/19/2000	Graham et al.			
	A33	6,189,616	02/20/2001	Gano et al.			
	A34	6,244,340	06/12/2001	McGlothen et al.			
	A35	6,279,658	08/28/2001	Donovan et al.			
	A36	6,575,255	06/10/2003	Rial et al.			
	A37	6,591,922	07/15/2003	Rial et al.			
	A38	6,595,301	07/22/2003	Diamond et al.			
	A39	6,595,302	07/22/2003	Diamond et al.			
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	A45	2003/0221836 A1	12/04/2003	Gardes			
	A46	2004/0011560 A1	01/22/2004	Rial et al.			
	A47	2004/0033557 A1	02/19/2004	Scott et al.			
	A48	2004/0060351 A1	04/01/2004	Gunter et al.			

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	B1	AU 85/49964A	11/20/1986	Australia			Abstract Only	
	B2	CA 2,210,866	01/19/1998	Canada			N/A	

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							Yes	No
	B3	DE 197 25 996 A1	01/02/1998	Germany			Abstract Only	
	B4	EP 0 819 834 A1	01/21/1998	EPO			Abstract Only	
	B5	FR 964,503	08/18/1950	France			X	
	B6	WO 02/061238 A1	08/08/2002	WIPO			N/A	
	B7	WO 94/21889	09/29/1994	WIPO			N/A	

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Examiner Initial	Desig. ID	Document
	C1	B. Goktas et al., "Performances of Openhole Completed and Cased Horizontal/Undulating Wells in Thin-Bedded, Tight Sand Gas Reservoirs," SPE 65619, Society of Petroleum Engineers, October 17-19, 2000 (7 pages)
	C2	Sharma, R., et al., "Modelling of Undulating Wellbore Trajectories," The Journal of Canadian Petroleum Technology, Vol. 34, No. 10, XP-002261908, October 18-20, 1993 pp. 16-24 (9 pages)
	C3	Balbinski, E.F., "Prediction of Offshore Viscous Oil Field Performance," European Symposium on Improved Oil Recovery, August 18-20, 1999, 10 pages
	C4	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) (3 pages) and International Search Report (7 pages) re International Application No. PCT/US 03/04771 mailed July 4, 2003
	C5	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) (3 pages) and International Search Report (5 pages) re International Application No. PCT/US 03/21891 mailed November 13, 2003
	C6	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) (3 pages) and International Search Report (4 pages) re International Application No. PCT/US 03/38383 mailed June 2, 2004
	C7	Kalinin, et al., Translation of Selected Pages from Ch. 4, Sections 4.2 (p. 135), 10.1 (p. 402), 10.4 (pp. 418-419), "Drilling Inclined and Horizontal Well Bores," Moscow, Nedra Publishers, 1997, 4 pages
	C8	Jet Lavanway Exploration, "Well Survey," Key Energy Surveys, November 2, 1997, 3 pages
	C9	Precision Drilling, "We Have Roots in Coal Bed Methane Drilling," Technology Services Group, Published on or before August 5, 2002, 1 page
	C10	U.S. Dept. of Energy, "New Breed of CBM/CMM Recovery Technology," July 2003, 1 page
	C11	Ghiselin, Dick, "Unconventional Vision Frees Gas Reserves," Natural Gas Quarterly, September 2003, 2 pages
	C12	CBM Review, World Coal, "US Drilling into Asia," June 2003, 4 pages
	C13	Skrebowski, Chris, "US Interest in North Korean Reserves," Petroleum, Energy Institute, July 2003, 4 pages
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Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	C14	Platt, "Method and System for Lining Multilateral Wells," S/N 10/772,841, February 5, 2004 (30 pages)
	C15	Zupanick, "Three-Dimensional Well System For Accessing Subterranean Zones," February 11, 2004, S/N 10/777,503 (27 pages)
	C16	Zupanick, "System And Method For Directional Drilling Utilizing Clutch Assembly," S/N 10/811,118, March 25, 2004 (35 pages)
	C17	Zupanick et al., "Slot Cavity," S/N 10/419,529, April 21, 2003 (44 pages)
	C18	Zupanick, "System and Method for Multiple Wells from a Common Surface Location," S/N 10/788,694, February 27, 2004 (26 pages)
	C19	Field, T.W., "Surface to In-seam Drilling – The Australian Experience," Undated, 10 pages
	C20	Drawings included in CBM well permit issued to CNX stamped April 15, 2004 by the West Virginia Department of Environmental Protection (5 pages)
	C21	Website of Mitchell Drilling Contractors, "Services: Dymaxion – Surface to In-seam," http://www.mitchelldrilling.com/dymaxion.htm , printed as of 06/17/2004, 4 pages
	C22	Website of CH4, "About Natural Gas – Technology," http://www.ch4.com.au/ng_technology.html , copyright 2003, printed as of 06/17/2004, 4 pages
	C23	Thomson, et al., "The Application of Medium Radius Directional Drilling for Coal Bed Methane Extraction," Lucas Technical Paper, copyrighted 2003, 11 pages
	C24	U.S. Department of Energy, DE-FC26-01NT41148, "Enhanced Coal Bed Methane Production and Sequestration of CO2 in Unmineable Coal Seams" for Consol, Inc., accepted October 1, 2001, 48 pages
	C25	U.S. Department of Energy, "Slant Hole Drilling," March 1999, 1 page
	C26	Desai, Praful, et al., "Innovative Design Allows Construction of Level 3 or Level 4 Junction Using the Same Platform," SPE/Petroleum Society of CIM/CHOA 78965, Canadian Heavy Oil Association, 2002, pp. 1-11
	C27	Bybee, Karen, "Advanced Openhole Multilaterals," Horizontal Wells, November 2002, pp. 41-42
	C28	Bybee, Karen, "A New Generation Multilateral System for the Troll Olje Field," Multilateral/Extended Reach, July 2002, 2 pages
	C29	Emerson, A.B., et al., "Moving Toward Simpler, Highly Functional Multilateral Completions," Technical Note, Journal of Canadian Petroleum Technology, May 2002, Volume 41, No. 5, pp. 9-12
	C30	Moritis, Guntis, "Complex Well Geometries Boost Orinoco Heavy Oil Producing Rates," XP-000969491, Oil & Gas Journal, February 28, 2000, pp. 42-46
	C31	Themig, Dan, "Multilateral Thinking," New Technology Magazine, December 1999, pp. 24-25
	C32	Smith, R.C., et al., "The Lateral Tie-Back System: The Ability to Drill and Case Multiple Laterals," IADC/SPE 27436, Society of Petroleum Engineers, 1994, pp. 55-64, plus Multilateral Services Profile (1 page) and Multilateral Services Specifications (1 page)

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	C33	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) (3 pages) and International Search Report (4 pages) re International Application No. PCT/US 03/13954 mailed September 1, 2003
	C34	Logan, Terry L., " <i>Drilling Techniques for Coalbed Methane</i> ," Hydrocarbons From Coal, Chapter 12, Copyright 1993, Title Page, Copyright Page, pp. 269-285
	C35	Hanes, John, " <i>Outbursts in Leichhardt Colliery: Lessons Learned</i> ," International Symposium-Cum-Workshop on Management and Control of High Gas Emissions and Outbursts in Underground Coal Mines," Wollongong, NSW, Australia, March 20-24, 1995, Title page, pp. 445-449
	C36	Williams, Ray, et al., " <i>Gas Reservoir Properties for Mine Gas Emission Assessment</i> ," Bowen Basin Symposium 2000, pp. 325-333
	C37	Brown, K., et al., " <i>New South Wales Coal Seam Methane Potential</i> ," Petroleum Bulletin 2, Department of Mineral Resources, Discovery 2000, March 1996, pp. i-viii, 1-96
	C38	Fipke, S., et al., " <i>Economical Multilateral Well Technology for Canadian Heavy Oil</i> ," Petroleum Society, Canadian Institute of Mining, Metallurgy & Petroleum, Paper 2002-100, to be presented in Calgary Alberta, June 11-13, 2002, pages 1-11

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